



DNR Groundwater Value Stream Mapping Event Report Out

SIPS Team

May 10-14, 2010

The Opportunity

Brian Tormey

The “SIPS” Team

Tim Hall



Team Members

Tim Hall

Team leaders	Chris VanGorp, DNR Mike Rohlf-DED
Facilitator	Jim Scott-TBM
Members	Wayne Gieselman, ESD Dennis Alt, Water Supply Engineering Chuck Corell, Water Quality Bureau David Wornson, Legal Services Elaine Douskey, Underground Storage Tanks Alex Moon, Solid Waste Cal Lundberg, Contaminated Sites Bob Libra, State Geologist Chad Fields, Geology and Groundwater Julie Sievers, Field Services Tim Hall, Iowa Geologic and Water Survey Ann Hogle, Iowa Veterans Home



Scope

Julie Sievers

The purpose of this event is to map current programs and policies that impact groundwater, identify the opportunities for improvement and develop a comprehensive, integrated and consistent plan for managing groundwater.



Goals

Chad Fields

1. Identify and correct inconsistent internal issues (policies, communication, etc.)
2. Appropriate changes/updates are made to statute within a defined time period
3. Appropriate changes/updates are made to administrative rules within a defined time period
4. Assess and measure whether sufficient resources are available to implement the plan in the next 3-5 years

Objectives

Dennis Alt

1. Complete a plan with action items identified, owners assigned and timeline prioritized by the end of the event
2. Develop a groundwater mission statement for the DNR
3. Improve departmental coordination on groundwater issues

Mission Statement

Dennis Alt

- Protect and improve Iowa's groundwater resources to sustain current and future community, economic and ecosystem needs.

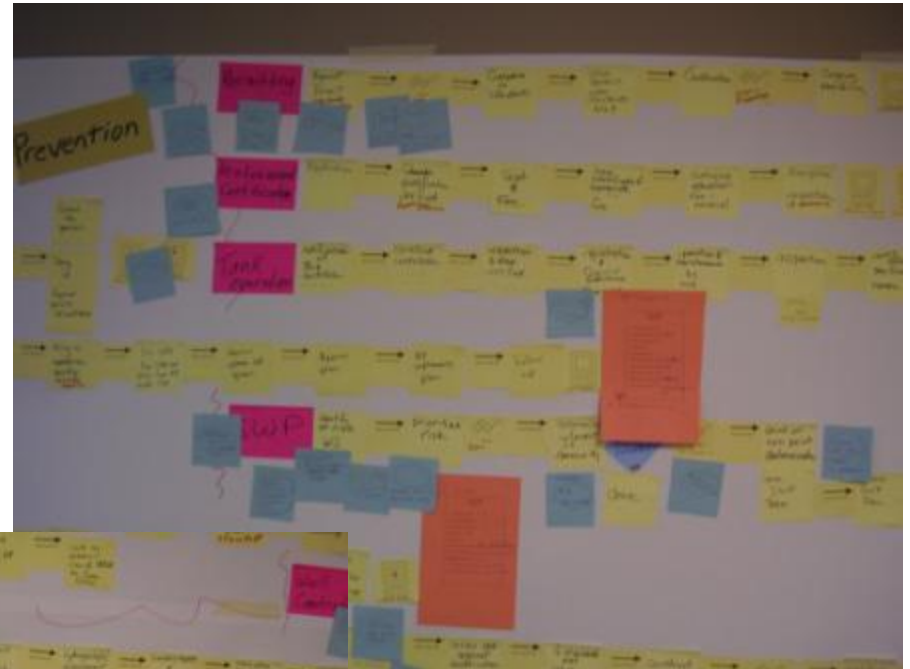
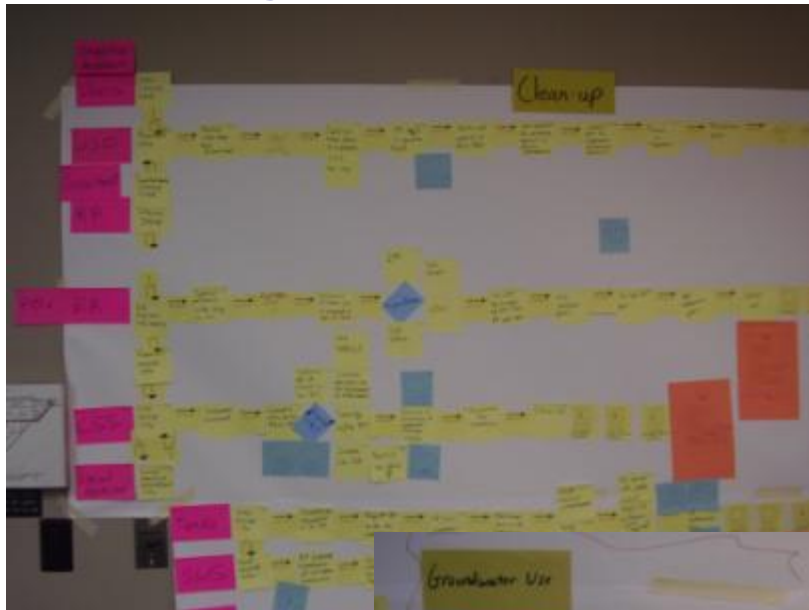
Why Map the Value Stream?

Bob Libra

- Value Stream Mapping is a method that assists a team in seeing and understanding the flow of both documents and information
- It delivers breakthrough opportunities across system processes that otherwise are difficult to see
- It helps you not only see waste and gaps, but more importantly the source of the waste

Value Streams

Cal Lundberg



What did we see?

Wayne Gieselman

1. A lot of time and effort on clean up
2. Many databases
3. Reactive- Not Planning and Proactive
4. Can't quantify as an agency what we have accomplished
5. Programs overlap, but poor collaboration
6. More effort on clean up than prevention
7. Dept. does not have a joint rule making effort
8. Cobbling of funding and programs to accomplish goals



Brainstorming

David Wornson

1. Inventory of current \$\$-Resources and how used
2. Assess flexibility/reallocation opportunities
3. Rule changes, strategy for GW into one comprehensive Legislative package
4. Show value of Groundwater

Elements of the 3-5 Year Plan

Bob Libra

1. Vision/Mission
2. Three areas-Sustain, Improve, Protect
 - a) Prevention, Clean up and Use
3. Current review of GWPA
4. 5 year goals
 - a) Funding
 - b) Value of groundwater
 - c) Partners and Involvement
 - d) Consistent programs, focus, rules, policy
 - e) Improved protection where needed
 - f) Data Collection, Database support and development



Homework

Elaine Douskey

Item	Item Description	Person Responsible	Due Date
1	Certified labs should send data directly to DNR	Chad	
2	Evaluate current authority standards for private wells when examining legislative issues	Dennis	
3	How to deal with sub standard well construction	Dennis	
3A	Future kaizen on water use permit process	Dennis	
4	Follow up on well withdrawal restrictions during low flows	Barb Lynch	
5	Well cutting prioritization kaizen	Tim Hall	
6	Final business plan which includes:	Bob	9/14/10
7	Funding	Dennis (Cal, Chuck, Jerah)	
8	Determine the Value of Groundwater	Tim (Elaine)	



Team Member Experience

Elaine Douskey

Wayne Gieselman

Comments

Jim Scott-TBM

**We welcome your
questions and comments!**

